Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 02 Aug 2023 until 23:59 on Thursday 03 Aug 2023

Forecast Issued on Wednesday 02 Aug 2023 at 01:06

Confidence: High for overall unsettled theme, lower for detail around duration and intensity of rain or showers. High for the driest and clearest weather on Friday. Moderate confidence for the wet and windy day Saturday, but very low confidence on timing and details.

Headline for Wednesday 02 Aug 2023: Wet and windy for much of the morning, clearing later.

Mountain weather hazards on Wednesday 02 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Cloudy
Precipitation probability					
90%	90%	60%	50%	50%	20%

Forecast for Wednesday 02 Aug 2023

Weather: Wet and windy with persistent rain through much of the morning, heavy at times. Rain gradually easing during the afternoon, with some cloud breaks possible across northwestern hills during the evening.

Chance of cloud-free hill tops above 600m: 10% in east, 40% west. Rising to 80% in the evening in the northwest.

Low Cloud and visibility: Extensive cloud obscuring views at 500m through the day, and down to 300m in the east during heavy rain. Cloud breaking and lifting to above summits at times in the west. Cloud lifting from northwestern summits and clearing more extensively during the evening. Beneath the cloud views will generally be moderate to poor with persistent rain, heavy at times.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 02 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/24 E	15/23 E	15/22 NE	23/32 NE	21/31 NE	17/27 N	14/22 N
300	10/23 E	12/23 E	10/20 NE	16/33 NE	14/29 NE	12/27 N	9/21 N
Valley	9/23 E	10/20 E	8/17 NE	14/30 NE	11/25 N	9/23 N	8/20 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/8	12/9	11/8	11/8	10/7	10/6
300	12/10	13/11	14/12	14/12	14/11	12/10	11/10
Valley	13/12	14/12	16/15	16/14	15/14	14/12	13/11
Freezing Level*	2800m	2700m	2700m	2700m	2700m	2400m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Waterproof layers essential, and fast flowing watercourses possible from the heavy rain. Poor visibility at times too, so navigation skills more suited to autumn than summer required. Feeling cold on the summits, especially in persistent rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 02 Aug 2023	4mm	23.8mm	33.2mm

Forecast for Thursday 03 Aug 2023

Weather: Clear spells and variable cloud after midnight and early morning. Cloud soon bubbling however up with showers developing by the afternoon. These turning heavy and perhaps thundery during the evening. Not all will see the showers, but where they do occur they may align to give some persistent downpours

Maximum wind: Northwesterly 25mph gusting 30-40mph.

Chance of cloud-free hill tops above 600m: 70%

Low Cloud and visibility: Occasional cloud obscuring tops at 600m, perhaps down to 500m during any heavy showers. Otherwise very good to excellent visibility expected but falling to moderate during any heavy showers.

Temperature: **Valleys:** Plus 9 Celsius rising to Plus 20 Celsius
At 600m: Plus 11 Celsius rising to Plus 12 Celsius
Freezing level: Above summits

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